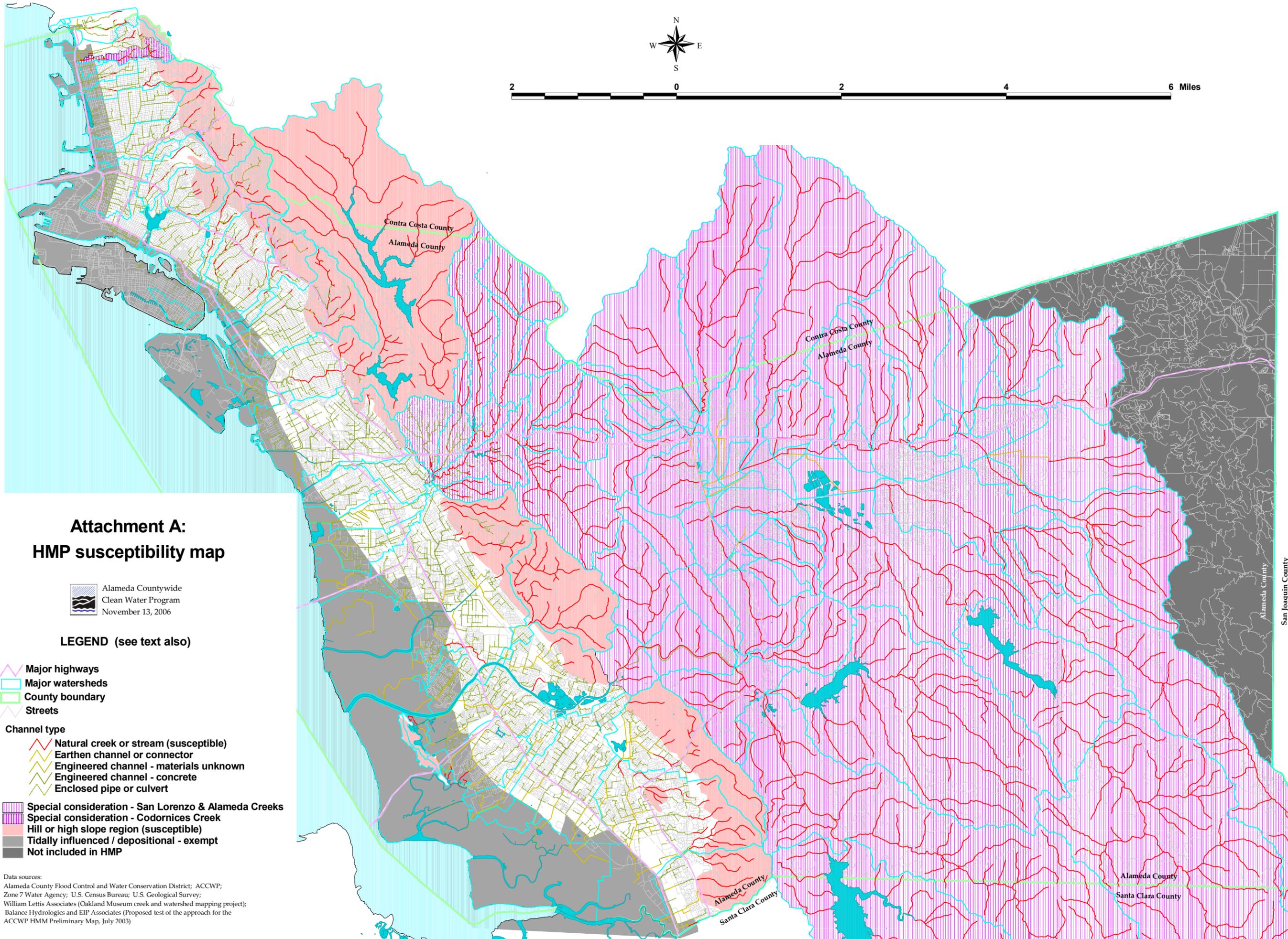


ATTACHMENT C

Provision C.3.g. Hydromodification Applicability Map



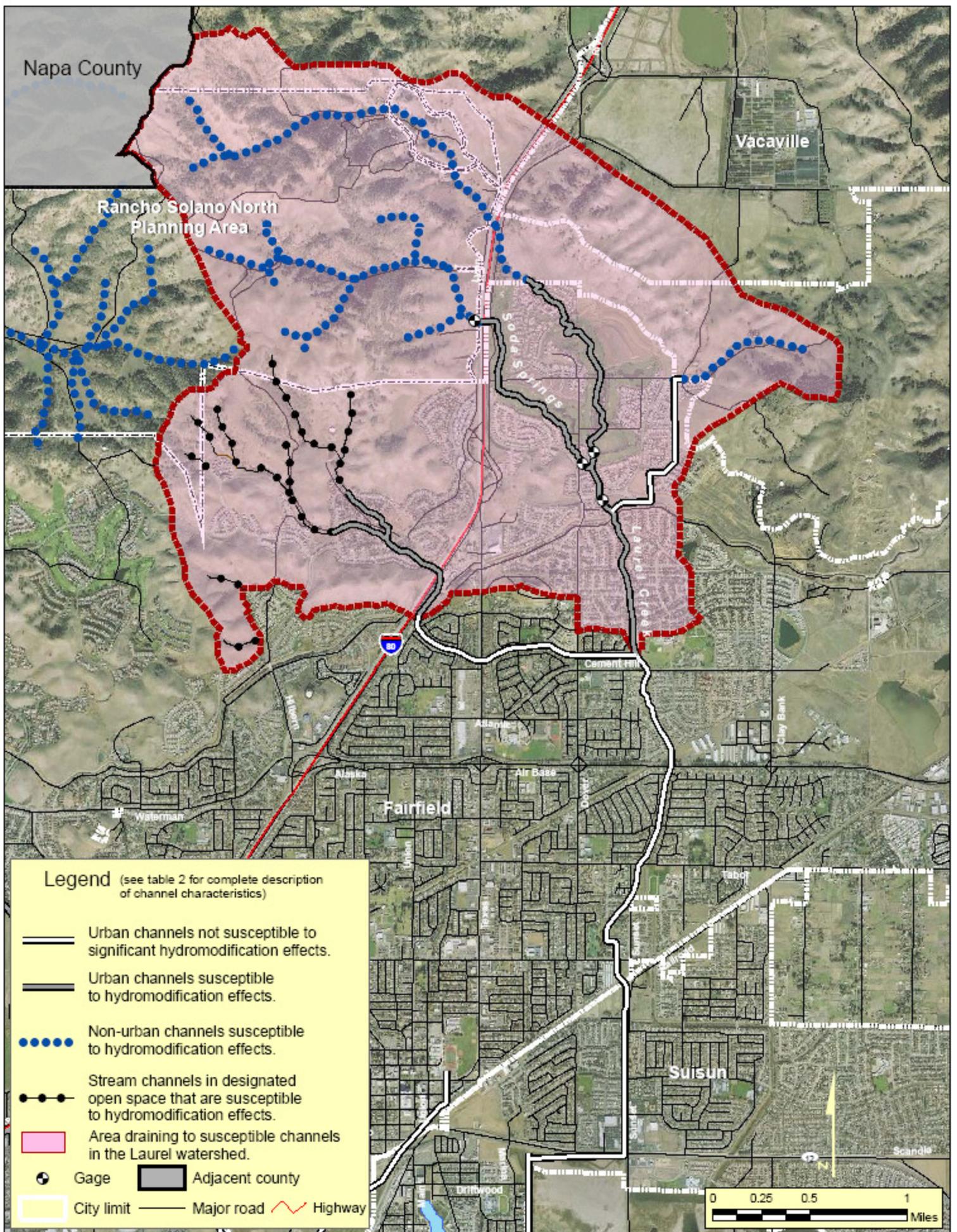
**Attachment A:
HMP susceptibility map**

 Alameda Countywide
Clean Water Program
November 13, 2006

LEGEND (see text also)

-  Major highways
-  Major watersheds
-  County boundary
-  Streets
- Channel type**
-  Natural creek or stream (susceptible)
-  Earthen channel or connector
-  Engineered channel - materials unknown
-  Engineered channel - concrete
-  Enclosed pipe or culvert
-  Special consideration - San Lorenzo & Alameda Creeks
-  Special consideration - Codornices Creek
-  Hill or high slope region (susceptible)
-  Tidally influenced / depositional - exempt
-  Not included in HMP

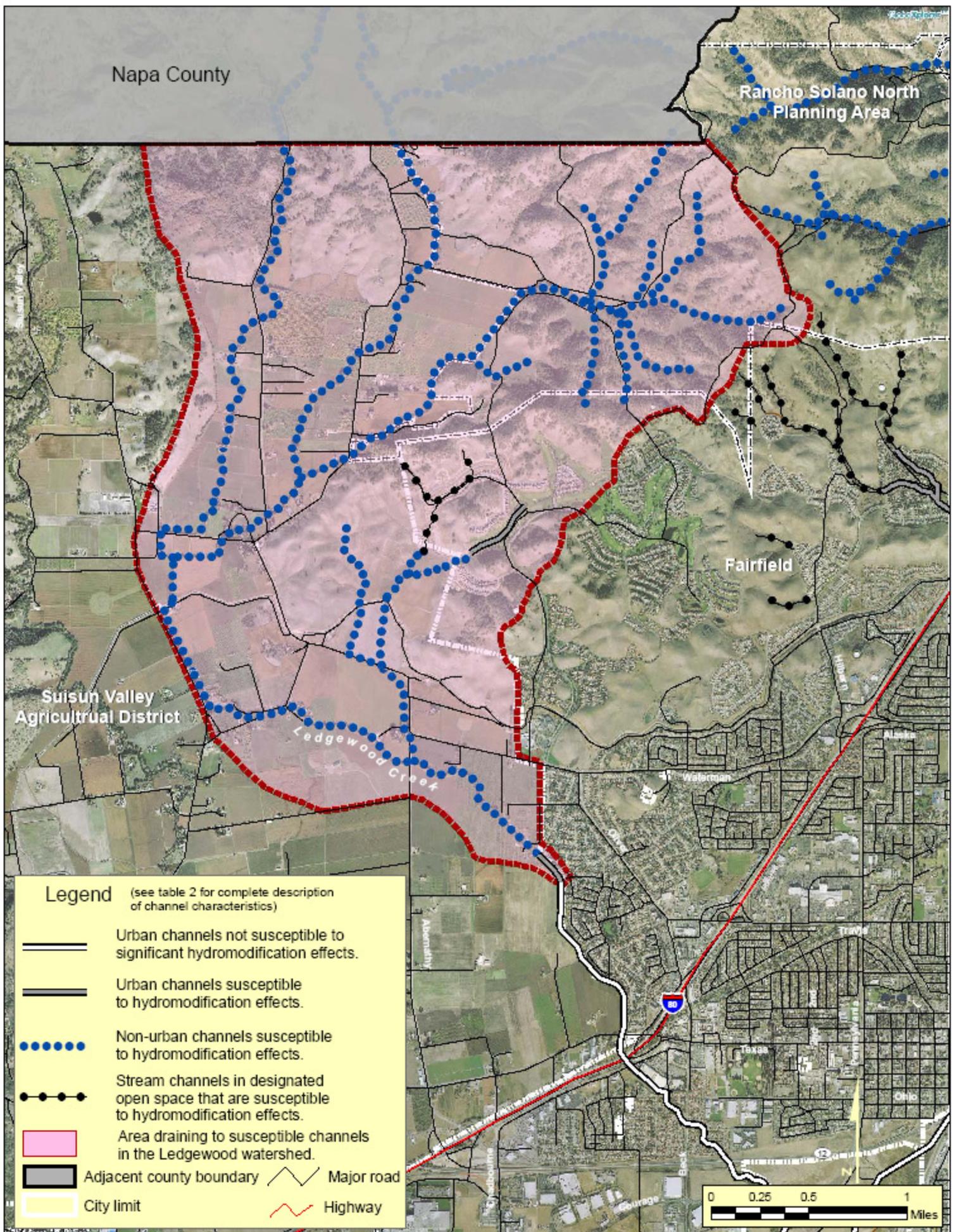
Data sources:
Alameda County Flood Control and Water Conservation District; ACCWP;
Zone 7 Water Agency; U.S. Census Bureau; U.S. Geological Survey;
William Lettis Associates (Oakland Museum creek and watershed mapping project);
Balance Hydrologics and EIP Associates (Proposed test of the approach for the
ACCWP HMM Preliminary Map, July 2003)



Source: Basemap data provided by Fairfield-Suisun Sewer District. Note that the roads layer does not include the most recently urbanized areas (north of Cement Hill Road, for example).



Figure 2. Map showing HMP channel Classification for the Laurel Creek watershed. The mid- to upper reaches include all channels within the watershed that are susceptible to hydromodification effects (dotted and gray-shaded channels on this map). Hydromodification controls are not required for projects that drain directly to non-susceptible urban channels.

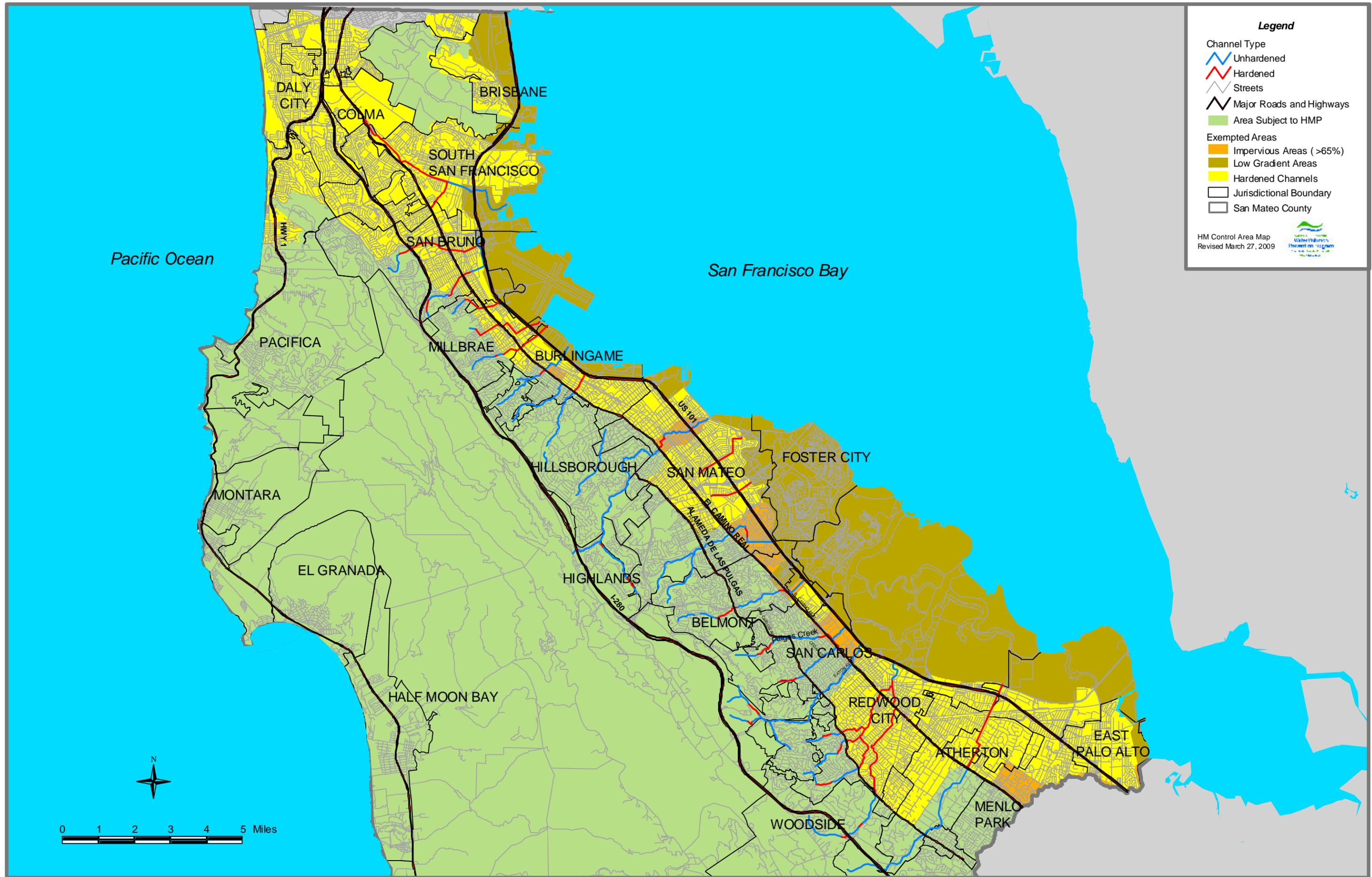


Basemap data provided by Fairfield-Suisun Sewer District. Note that the roads layer does not include the most recently urbanized areas, as shown in the aerial photo.



Figure 3. Map showing HMP channel Classification for the Ledgewood Creek watershed.

The mid- to upper reaches include all channels within the watershed that are susceptible to hydromodification effects (dotted and gray-shaded channels on this map), however areas outside the City of Fairfield are not included in this permit unless annexed by the city. The non-developed areas within the current city limits are designated open space in relatively steep terrain, and are unlikely to be converted to urban areas however the HMP still applies in these areas.



Legend

- Channel Type
 - Unhardened
 - Hardened
- Streets
- Major Roads and Highways
- Area Subject to HMP
- Exempted Areas
 - Impervious Areas (>65%)
 - Low Gradient Areas
 - Hardened Channels
- Jurisdictional Boundary
- San Mateo County

HM Control Area Map
Revised March 27, 2009



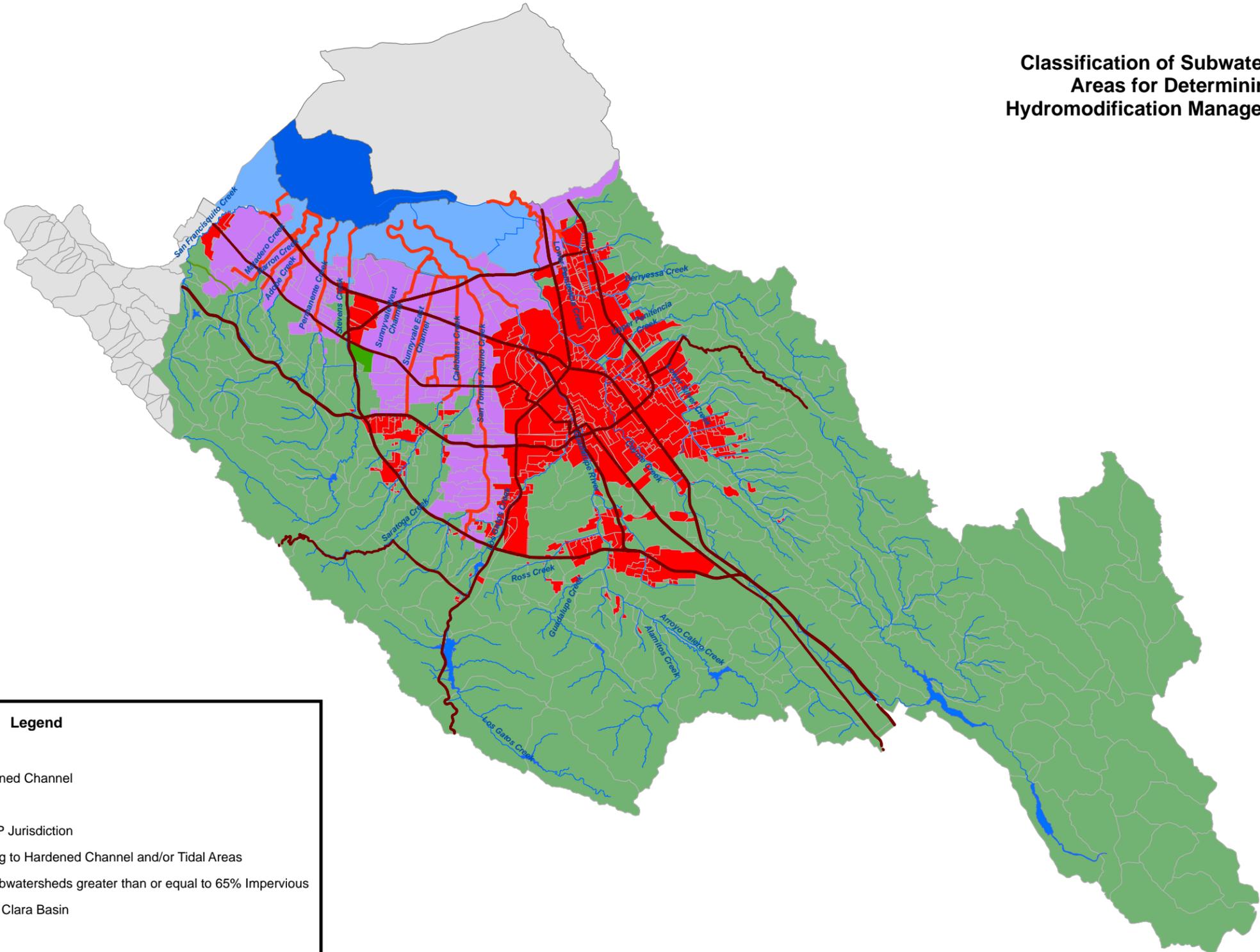
Pacific Ocean

San Francisco Bay

0 1 2 3 4 5 Miles



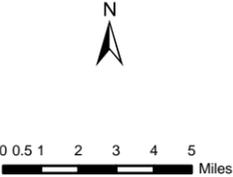
Classification of Subwatersheds and Catchment Areas for Determining Applicability of Hydromodification Management (HM) Requirements



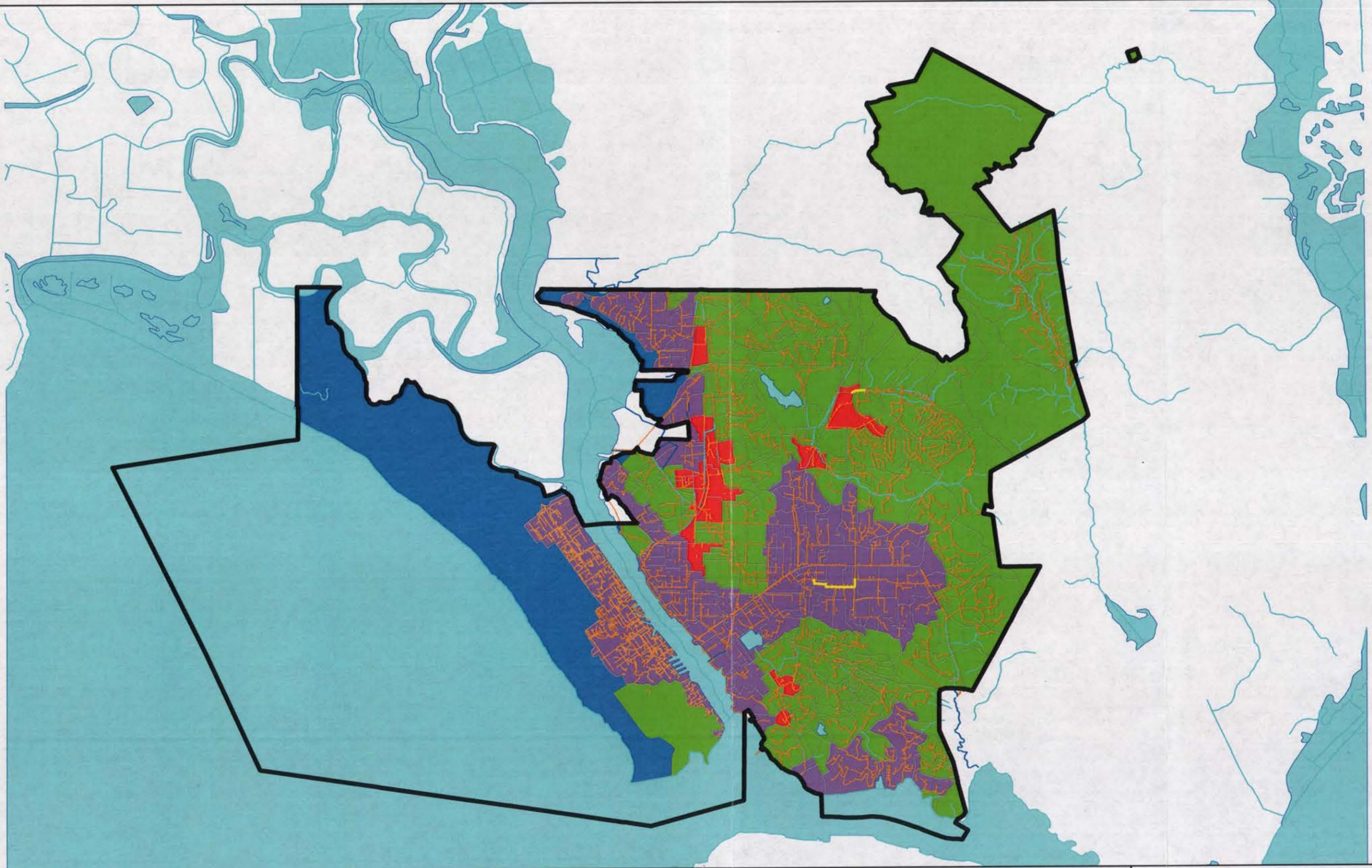
Legend

- Major Roads
- Continuously Hardened Channel
- Major Creeks
- Outside SCVURPPP Jurisdiction
- Catchments Draining to Hardened Channel and/or Tidal Areas
- Catchments and Subwatersheds greater than or equal to 65% Impervious
- Reservoirs in Santa Clara Basin
- Baylands
- Subwatersheds less than 65% Impervious

Revision Date: November 2010

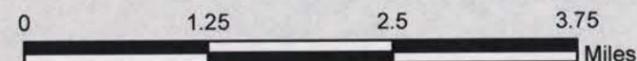


This map contains revisions to the March 2009 version to reflect updated impervious surface data and/or catchment boundaries in the Cities of San Jose, Sunnyvale, Mountain View, and Milpitas, as described in the report to the Water Board dated October 14, 2010, consistent with the HM applicability criteria set forth in Attachment F, Section 4 of the MRP.



Legend

- HMP Boundary
- Fully Hardened Channels
- Non-Hardened Channels (Non-Tidal)
- Non-Hardened Channels (Tidal)
- Storm Drain System
- Open Water
- Areas Draining to Continuously Hardened Conveyances to the Bay
- HMP Applicable Areas
- Subcatchments with greater than or equal to 65% Impervious
- Baylands



HMP Applicability Map

Vallejo HMP



WW1538

April 2013

Figure

3-1